

Substitute for form 1449A/PTO				Complete if Known	
SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/665,703
				Filing Date	September 19, 2003
				First Named Inventor	Abraham, Charles
				Art Unit	2611
				Examiner Name	Kim, Kevin
Sheet	2	of	2	Attorney Docket No: GLBL015P1D1	

FOREIGN PATENT DOCUMENTS				
Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	T ²
KK	EP-1143652A2	10/10/2001	Vallo, H	
KK	EP-1167993A2	01/02/2002	Katsuhiko, T., et al.	
KK	EP-1388241A	11/28/2002	Abraham, Charles et al.	
KK	WO-0065751	11/02/2000	Abraham, Charles et al.	
KK	WO-0111381A1	02/15/2001	Geier, G. J., et al.	
KK	WO-0139698A1	06/07/2001	Phelts, R. E., et al.	
KK	WO-02096054	07/30/2003	Abraham, Charles et al.	
KK	WO-8701540	03/12/1987	Janc, Robert V., et al.	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
KK	C1	<u>Copy of PCT INTERNATIONAL PRELIMINARY EXAMINATION REPORT</u> mailed 26-February-2004 for PCT Application Number PCT/US02/20239		
KK	C2	<u>Copy of INTERNATIONAL SEARCH REPORT</u> mailed 19-March-2003 for PCT Application Number PCT/US02/20239		
KK	C3	<u>Copy of SUPPLEMENTARY EUROPEAN SEARCH REPORT</u> mailed 15-February-2006 for EP Application Number EP 02742308.6		

EXAMINER	/Kevin Kim/ (10/15/2006)	DATE CONSIDERED
----------	--------------------------	-----------------

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
 1. Applicant's unique citation designation number (optional)
 2. Applicant is to place a check mark here if English language Translation is attached

IDS - 08/31/2006

PTO/SB/08c (07-05)
Approved for use through 7/31/2008
GSA FPMR (41 CFR) 101-11.003-1
Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known		
		Application Number		10/665,703
		Filing Date		September 19, 2003
		First Named Inventor		Abraham, Charles
		Art Unit		2611
		Examiner Name		Kim, Kevin
Sheet	1	of	2	Attorney Docket No: GLBL015P1D1

US PATENT DOCUMENTS					
Examiner Initial *	Cite No	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
KK	A1	US-20010048388	12/06/2001	Falk, Henry D., et al.	05/31/2001
KK	A2	US-20020050944A1	05/02/2002	Sheynblat, L., et al.	11/13/2001
KK	A3	US-2002172306	11/21/2002	Abraham, Charles et al.	09/26/2001
KK	A4	US-2002172306	11/21/2002	Abraham, Charles et al.	09/26/2001
KK	A5	US-5216961	06/01/1993	Kaufmann, Hans	02/20/1992
KK	A6	US-5414729	05/09/1995	Fenton, P.	11/29/1993
KK	A7	US-5610940	03/11/1997	Durrant, Randolph L., et al.	06/07/1995
KK	A8	US-5644591	07/01/1997	Sutton, Todd R.	05/02/1996
KK	A9	US-5663734	09/02/1997	Krasner, N. F.	05/08/1996
KK	A10	US-5694416	12/02/1997	Johnson, Russell K.	02/24/1995
KK	A11	US-5729571	03/17/1998	Park, Jong-Hyeon et al.	06/29/1995
KK	A12	US-5768319	06/16/1998	Durboraw, III, Isaac N.	02/18/1997
KK	A13	US-5781543	07/14/1998	Ault, Jan et al.	08/29/1996
KK	A14	US-5812593	09/22/1998	Kaku, T.	12/20/1995
KK	A15	US-5828694	10/27/1998	Schipper, John F.	07/01/1996
KK	A16	US-5864315	01/26/1999	Welles, II, Kenneth B., et al.	04/07/1997
KK	A17	US-5867219	02/02/1999	Kohiyama, Kiyoshi	12/11/1996
KK	A18	US-5896304	04/20/1999	Tiemann, J. J., et al.	06/26/1997
KK	A19	US-5897605	04/27/1999	Kohli, Sanjai et al.	04/25/1996
KK	A20	US-5909471	06/01/1999	Yun, Louis C.	08/08/1997
KK	A21	US-5931893	08/03/1999	Dent, Paul W., et al.	11/11/1997
KK	A22	US-5945948	08/31/1999	Buford, K. A., et al.	09/03/1996
KK	A23	US-5949364	09/07/1999	Katzberg, Stephen J., et al.	01/06/1998
KK	A24	US-5952947	09/14/1999	Nussbaum, Howard S., et al.	09/09/1997
KK	A25	US-5966402	10/12/1999	Yamamoto, Katsuya	11/18/1996
KK	A26	US-6005899	12/21/1999	Khayrallah, Ali S.	09/29/1997
KK	A27	US-6118808	09/12/2000	Tiemann, Jerome J., et al.	06/26/2000
KK	A28	US-6151353	11/21/2000	Harrison, Daniel D., et al.	06/26/1997
KK	A29	US-6163567	04/27/1999	Hatch, Ronald R.	12/22/1998
KK	A30	US-6252863	06/26/2001	Raby, P., et al.	04/09/1996
KK	A31	US-6292132	09/18/2001	Wilson, Christopher K.	08/13/1999
KK	A32	US-6298083	10/02/2001	Westcott, David C., et al.	05/04/1999
KK	A33	US-6313786	11/06/2001	Sheynblat, L., et al.	02/01/1999
KK	A34	US-6393046	05/21/2002	Kohli, S., et al.	04/25/1997
KK	A35	US-6441780	08/27/2002	Rog, Andrey L., et al.	09/05/2000
KK	A36	US-6650692	11/18/2003	Inoue, T., et al.	08/29/2001
KK	A37	US-6693953	02/17/2004	Cox, Earl C., et al.	09/30/1998
KK	A38	US-6754256	06/22/2004	Kubo, Tokuro et al.	08/31/1999
KK	A39	US-6804290	10/12/2004	King, Thomas M., et al.	05/26/2000
KK	A40	US-6888849	05/03/2005	Daniels, William R.	06/15/2001

EXAMINER

/Kevin Kim/ (10/15/2006)

DATE CONSIDERED

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached

Notice of References Cited		Application/Control No.	Applicant(s)/Patent Under Reexamination 09/900,499 ABRAHAM ET AL.	
		Examiner Kevin Y Kim	Art Unit 2634	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
KK	A	US-5,579,338	11-1996	Kojima, Toshiharu	375/149
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

/Kevin Kim/ (10/15/2006)

U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)				Docket No. GLBL/015P1	Serial No. 09/900,499			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Applicant C. Abraham, et al.	Confirmation No.: 4201			
(Use several sheets if necessary)				Filing Date July 6, 2001	Group 2634			
U.S. Patent Documents								
*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate	
KK	A1	5,901,171	05/04/1999	Kohli, et al.	375	200		
	A2							
	A3							
	A4							
	A5							
	A6							
	A7							
	A8							
	A9							
	A10							
	A11							
	A12							
	A13							
Foreign Patent Documents								
*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
							YES	NO
	B1						<input type="checkbox"/>	<input type="checkbox"/>
	B2						<input type="checkbox"/>	<input type="checkbox"/>
	B3						<input type="checkbox"/>	<input type="checkbox"/>
	B4						<input type="checkbox"/>	<input type="checkbox"/>
	B5						<input type="checkbox"/>	<input type="checkbox"/>
OTHER ART								
*Examiner Initial		Including Author, Title, Date, Pertinent Pages, Etc.						
	C1							
	C2							
	C3							
Examiner /Kevin Kim/ (10/15/2006)				Date Considered				
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.								

Electronic Information Disclosure Statement

METHOD AND APPARATUS FOR PERFORMING SIGNAL CORRELATION AT MULTIPLE RESOLUTIONS

Application: *09/900499*

09/900499

Confirmation: 4201

Applicant(s): Charles Abraham

Docket Number: GLBL-015 P1

Group Art Unit: 3662

Examiner:

(4426712 or 4445118 or 4578678 or 4660164 or 5117232 or 5148452 or 5153598 or 5175557 or 5185610 or 5199050 or 5237587 or 5293398 or 5369668 or 5379224 or 5579014 or 5579338 or 5600328 or 5629708 or 5726659 or 5809064 or 5812087 or 5859612 or 5872774 or 5884214 or 5999562 or 5907578 or 5920278 or 6002708 or 6034635 or 6047017 or 6104340 or 6111868 or 6121923 or 6133874 or 6151311 or 6157891 or 6181911 or 6208291 or 6208292 or 6211820 or 6236354 or 6239742 or 6252543 or 6256337 or 6272189 or 6307840 or 6324227 or 6327473 or 20020033767).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
KR	P01	4426712	1984-01-17	*4426712*	Gorski-Popiel	375	96
KR	P02	4445118	1984-04-24	*4445118*	Taylor, et al.	343	357
KR	P03	4578678	1986-03-25	*4578678*	Hurd	343	357
KR	P04	4660164	1987-04-21	*4660164*	Leibowitz	364	728

KK	P05	5117232	1992-05-26	*5117232*	Cantwell	342	357
KK	P06	5148452	1992-09-15	*5148452*	Kennedy et al.	375	96
KK	P07	5153598	1992-10-06	*5153598*	Alves, Jr.	342	352
KK	P08	5175557	1992-12-29	*5175557*	King et al.	342	357.12
KK	P09	5185610	1993-02-09	*5185610*	Ward, et al.	342	357
KK	P10	5199050	1993-03-30	*5199050*	Linsky	375	115
KK	P11	5237587	1993-08-17	*5237587*	Schoolcraft	375	1
KK	P12	5293398	1994-03-08	*5293398*	Hamao, et al.	375	1
KK	P13	5369668	1994-11-29	*5369668*	Yamamoto	375	14
KK	P14	5379224	1995-01-03	*5379224*	Brown et al.	364	449
KK	P15	5579014	1996-11-26	*5579014*	Brooksby et al.	342	357
KK	P16	5579338	1996-11-26	*5579338*	Kojima	375	208
KK	P17	5600328	1997-02-04	*5600328*	Tachita et al.	342	357
KK	P18	5629708	1997-05-13	*5629708*	Rodal et al.	342	357
KK	P19	5726659	1998-03-10	*5726659*	Kee, et al.	342	352
KK	P20	5809064	1998-09-15	*5809064*	Fenton, et al.	375	208
KK	P21	5812087	1998-09-22	*5812087*	Krasner	342	357
KK	P22	5859612	1999-01-12	*5859612*	Gilhousen	342	457
KK	P23	5872774	1999-02-16	*5872774*	Wheatley, III et al.	370	335
KK	P24	5884214	1999-03-16	*5884214*	Krasner	701	207
KK	P25	5999562	1999-04-20	*5999562*	Hennedy et al.	375	207
KK	P26	5907578	1999-05-25	*5907578*	Pon et al.	375	208
KK	P27	5920278	1999-07-06	*5920278*	Tyler et al.	342	33
KK	P28	6002708	1999-12-14	*6002708*	Fleming et al.	375	200
KK	P29	6034635	2000-03-07	*6034635*	Gilhousen	342	457
KK	P30	6047017	2000-04-04	*6047017*	Cahn et al.	375	200
KK	P31	6104340	2000-08-15	*6104340*	Krasner	342	357.1
KK	P32	6111868	2000-08-29	*6111868*	Lee et al.	370	342
KK	P33	6121923	2000-09-19	*6121923*	King	342	357.12

KR	P34	6133874	2000-10-17	*6133874*	Krasner	342	357.15
KR	P35	6151311	2000-11-21	*6151311*	Wheatley, III et al.	370	335
KR	P36	6157891	2000-12-05	*6157891*	Lin	701	301
KR	P37	6181911	2001-01-30	*6181911*	Sih, et al.	455	12.1
KR	P38	6208291	2001-03-27	*6208291*	Krasner	342	357.12
KR	P39	6208292	2001-03-27	*6208292*	Sih et al.	342	357.12
KR	P40	6211820	2001-04-03	*6211820*	Zou et al.	342	357.1
KR	P41	6236354	2001-05-22	*6236354*	Krasner	342	357.06
KR	P42	6239742	2001-05-29	*6239742*	Krasner	342	357.02
KR	P43	6252543	2001-06-26	*6252543*	Camp	342	357.06
KR	P44	6256337	2001-07-03	*6256337*	Hendrickson et al.	375	140
KR	P45	6272189	2001-08-07	*6272189*	Carin et al.	375	343
KR	P46	6307840	2001-10-23	*6307840*	Wheatley, III et al.	370	252
KR	P47	6324227	2001-11-27	*6324227*	Kang et al.	375	343
KR	P48	6327473	2001-12-04	*6327473*	Soliman et al.	455	456

Published Applications

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
KU01	20020033767	2002-03-21	*20020033767*	Krasner	342	357.06	

Signature

/Kevin Kim/ (10/15/2006)

U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)		Docket No. GLBL-015 P1	Serial No. 09/900,499
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Applicant Abraham, et al.	Confirmation No.: 4201
(Use several sheets if necessary)		Filing Date	Group
	Examiner	July 6, 2001	3662

U.S. Patent Documents

*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
KK	A1	4,527,278	07/02/85	Deconche et al.	375	97	
KK	A2	5,090,028	02/18/92	Crebouw	375	106	
KK	A3	5,426,665	06/20/95	Cleverly et al.	375	200	
KK	A4	5,727,018	03/10/98	Wolf, et al.	375	210	
KK	A5	6,289,041	09/11/01	Krasner	375	152	
KK	A6	6,370,208	04/09/02	Kuo, et al.	375	343	

Foreign Patent Documents

*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
							YES	NO
KK	B1	4,114,058	11/05/1992	DE	H04L	27/00	<input type="checkbox"/>	<input type="checkbox"/>
KK	B2	0 488 739	06/03/1992	EPO	G01S	5/14	<input type="checkbox"/>	<input type="checkbox"/>
KK	B3	0 526 040	02/03/93	EPO	G01S	5/14	<input type="checkbox"/>	<input type="checkbox"/>
KK	B4	0 635 728	01/25/1995	EPO	G01S	5/14	<input type="checkbox"/>	<input type="checkbox"/>
KK	B5	0 718 998	06/26/1996	EPO	H04J	13/02	<input type="checkbox"/>	<input type="checkbox"/>
KK	B6	2,016,760	09/26/1979	GB	G06F	15/34		
KK	B7	97/14057	04/17/1997	WIPO	G01S	1/4	<input type="checkbox"/>	<input type="checkbox"/>
KK	B8	97/40398	10/30/1997	WIPO	G01S	5/14	<input type="checkbox"/>	<input type="checkbox"/>
KK	B9	98/02830	01/23/98	WIPO	G06F	17/15	<input type="checkbox"/>	<input type="checkbox"/>

OTHER ART

*Examiner Initial		Including Author, Title, Date, Pertinent Pages, Etc.
KK	C1	Wolfert, et al., "Rapid Direct P(Y)-Code Acquisition in a Hostile Environment," CONFERENCE: Institute of Navigation: Satellite Division-International technical meeting; 11th PROCEEDINGS OF ION GPS, 1998; VOL 11; NUMBER 1 P: 353-360 Alexandria, VA, Institute of Navigation, 1998
KK	C2	Lyusin, et al., "Fast Acquisition by Matched Filter Technique for GPS/GLONASS Receivers", CONFERENCE: Institute of Navigation: Satellite Division-International technical meeting; 11 th PROCEEDINGS OF ION GPS, 1998; VOL 11; NUMBER 1P: 307-316 Alexandria, VA, Institute of Navigation, 1998

Examiner	/Kevin Kim/ (10/15/2006)	Date Considered
----------	--------------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

